

CONFIDENTIAL
CENTRAL INTELLIGENCE AGENCY

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b. The Soviets intend to train the highest possible number of Soviet specialists of the Soviet rubber industry in the laboratory and the pilot section of the MUELLER & Co firm.

c. The first course of instruction which lasted for almost one year with 100 students attending, was completed in late 1947. The trainees were escorted on their way back to MOSCOW by engineer BARASOV. In September 1948 engineer BARASOV returned to MOSCOW with 40 "rubber-students" who had been detached for seven months. BARASOV was expected to return in March 1949.

5. Research work:

a. The firm was trying to improve the known "acetylene procedure". Lime, coal and raw rubber were used as raw materials. The attached samples, numbered I through IV are:

I. Raw rubber, a sample taken from 15 tons of raw rubber which arrived, via Yugoslavia, in September 1948, according to the packing material.

II and III represent finished products manufactured by the MUELLER firm. Properties: Heating time 80 minutes at about 130°C under 4.5 atm. It was tried to reduce the heating time to from 40 to 60 minutes.

IV. Another finished product of MUELLER's. Allegedly 800 - 1000 slabs, 1 square meter each, of this material are shipped to a MOSCOW cento-technical institute. The ingredients of the synthetic rubber could not be learned.

6. Production experiments in the SCHKOPAU rubber plant

The results of the research work performed by MUELLER & Co serve as the basis for large scale production experiments of the SCHKOPAU rubber plant. The results are protocolled and forwarded to the Soviet rubber plants in the Soviet Union.

1 Annex: 1 envelope with 4 rubber samples, forwarded to Army

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